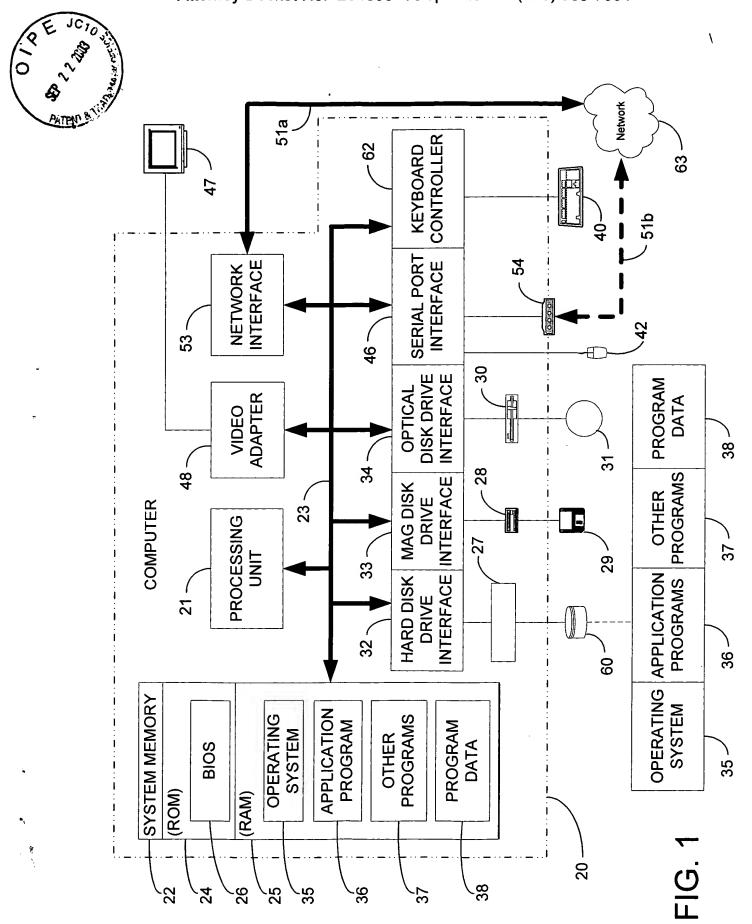
In re Appln. of: Gueorgui B. Chkodrov et al. Application No. 09/606,973

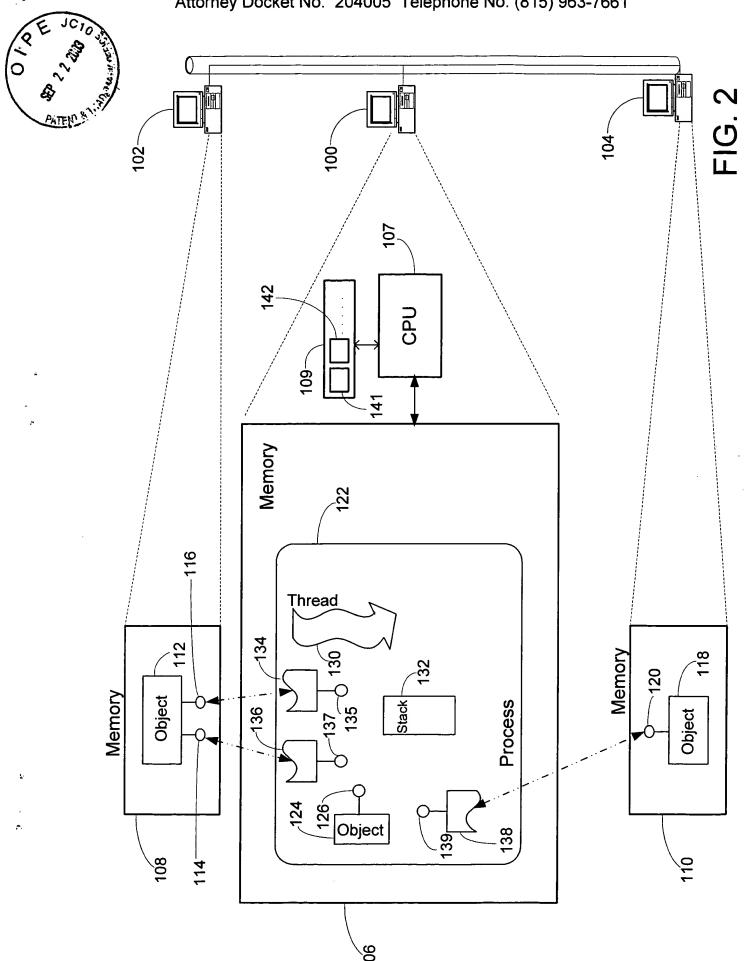
AMENDMENTS TO THE DRAWINGS

The attached sheet includes changes to Fig. 1-6. These sheets, which include Figs. 1-6, replaces the original sheets including Figs. 1-6. The Figures are different from the originally-filed figures in that the replacement figures have margins that are in acceptable limits.

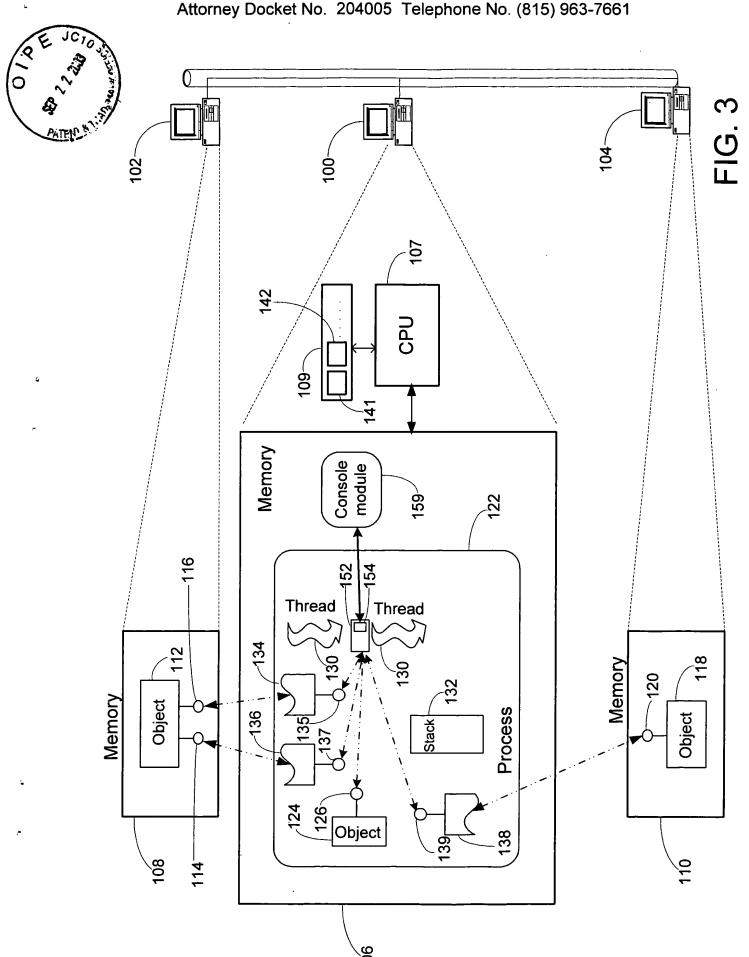
Attachment: Replacement Sheet(s)

Annotated Marked-Up Drawings





Replacement Page



Replacement Page Chkodrov et al. Attorney Docket No. 204005 Telephone No. (815) 963-7661 504 502 Prepare the loader module Allocate memory inside code and data debuggee process space Copy the loader module into 506 allocated memory Program stops at breakpoint or due to an error Resume execution at beginning of the loader module 508 500 The loader module saves the Normal program execution thread state, loads and calls the in-thread debugger module 510 Write old value of instruction pointer into stack 512 Load in-thread debugger into process and call entry function Continue execution 513 In-Thread debugger creates the communication link, 514 and waits for The loader commands module restores the thread state from the stack 527 Yes Close the Go? communication link, 526 520 cleanup the No resources used Convert command into a function call 522 Make function call to object interface. Relay FIG.4 524 response to console.

METHOD AND SYSTEM FOR DEBUGGING A PROGRAM

METHOD AND SYSTEM FOR DEBUGGING A PROGRAM Chkodrov et al. Attorney Docket No. 204005 Telephone No. (815) 963-7661 Replacement Page 107 CPU Conventional debugger Conventional 159 157 debugger Loader module 158-122 Memory 142 loader module copied Stack Thread Thread Process 130

107 CPU Console module 159 Memory 142 commands from console responses from object-Stack 152 In-thread debugger 157 154-Loader module Process Thread **Thread**

107 CPU module Console 159 Memory 142 commands from consoleresponses from object-132 Stack In-thread debugger 152 154~ Thread command Thread response 130 Process 130 136 Extension module Extension module Extension module 37 responce FIG. 7 command

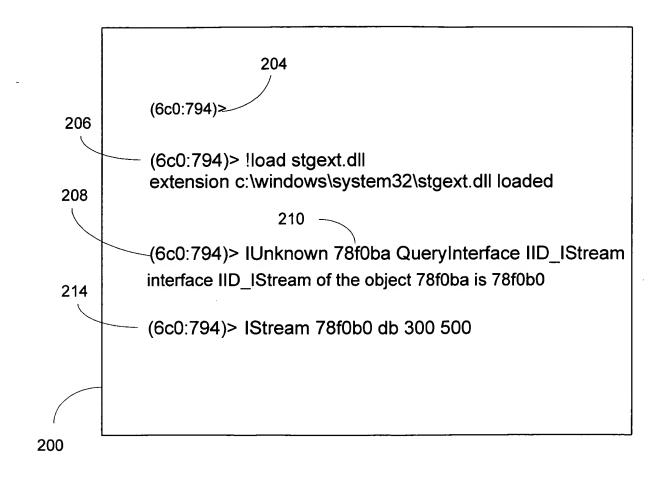


FIG. 8

METHOD AND SYSTEM FOR DEBUGGING A PROGRAM **Replacement Page** Chkodrov et al. Attorney Docket No. 204005 Telephone No. (815) 963-7661

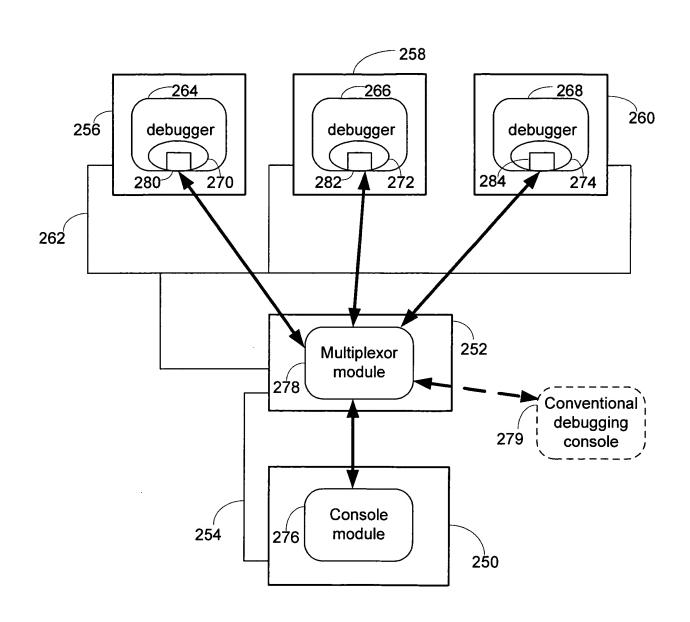


FIG. 9

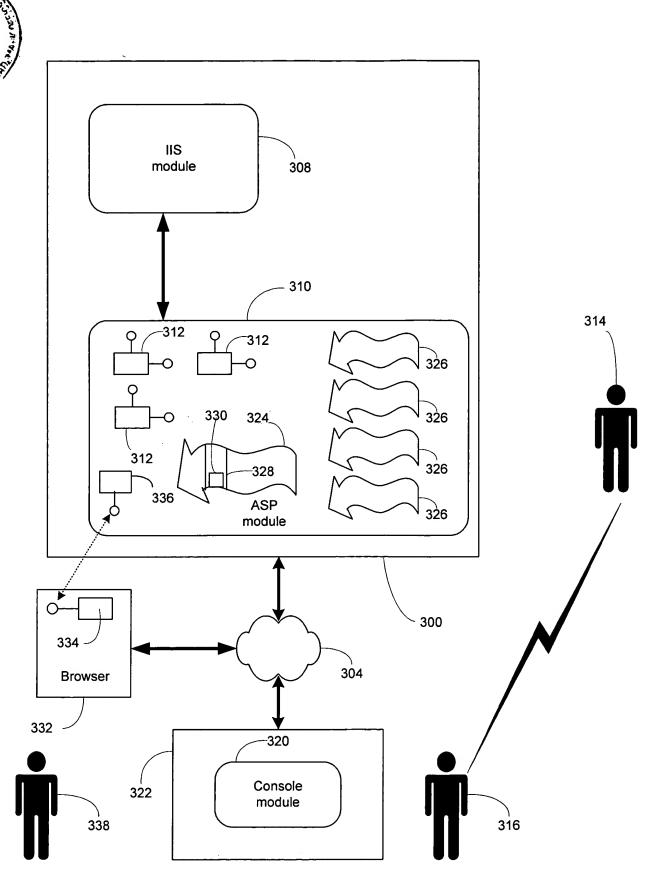


FIG. 10